



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 30.10.2015

Revision: 30.10.2015

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name: PU Lak Hoogglans - Satijn - Mat**
- **Article number:** 03.PU40XX.XX
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Lacquer
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Wasziederij "De Vesting B.V."  
Trasweg 12  
NL-5712 BB Someren-Eind  
The Netherlands  
Tel: +31 493 496760  
Fax: +31 493 493670
  
- Email: vesting@euronet.nl  
· Web: www.vesting.nl
  
- **Further information obtainable from:** Product safety department.
- **Emergency telephone number:** During normal opening times: +31 493 496 760

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.

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## · Hazard pictograms



GHS02 GHS07

## · Signal word Warning

## · Hazard-determining components of labelling:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 vetzuren, tall-olie, verbindingen met oleylamine  
 2-butanone oxime  
 cobalt bis(2-ethylhexanoate)

## · Hazard statements

H226 Flammable liquid and vapour.  
 H317 May cause an allergic skin reaction.  
 H336 May cause drowsiness or dizziness.

## · Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing mist/vapours/spray.  
 P280 Wear protective gloves.  
 P233 Keep container tightly closed.  
 P271 Use only outdoors or in a well-ventilated area.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, sand, extinguishing powder.  
 P405 Store locked up.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## · Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

## · Other hazards

## · Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

### 3 Composition/information on ingredients

## · Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

## · Dangerous components:

CAS: 64742-48-9 EINECS: 265-150-3	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics ⚠ Asp. Tox. 1, H304	25-50%
CAS: 64742-48-9 EINECS: 265-150-3	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336	25-50%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime ⚠ Carc. 2, H351; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H312; Skin Sens. 1, H317	≤ 2.5%
CAS: 136-52-7 EINECS: 205-250-6	cobalt bis(2-ethylhexanoate) ⚠ Repr. 2, H361f; ⚠ Aquatic Acute 1, H400; ⚠ Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≤ 2.5%

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CAS: 149-57-5 EINECS: 205-743-6	2-ethylhexanoic acid ⚠ Repr. 2, H361d	≤ 2.5%
CAS: 147900-93-4	Fatty acids, C18-unsatd., trimers, compds. with oleyamine ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≤ 2.5%
CAS: 85711-55-3	vetzuren, tall-olie, verbindingen met oleylamine ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≤ 2.5%
CAS: 1078142-41-2	Fatty acids, C18-unsatd., dimers, compds. with oleylamine ⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≤ 2.5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Consult doctor in case of irritation.

· **After eye contact:** Rinse opened eye for several minutes under running water. Consult a doctor.

· **After swallowing:**

Rinse out mouth.

Do not induce vomiting; call for medical help immediately.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Water haze

Carbon dioxide

Foam

Fire-extinguishing powder

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

· **Advice for firefighters**

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

· **Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.

- **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.  
Do not allow to penetrate the ground/soil.  
Inform respective authorities in case of seepage into water course or sewage system.

- **Methods and material for containment and cleaning up:**

Absorb with non flammable liquid-binding material.  
Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.  
Do not breathe vapour/spray.

- **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

- **Information about storage in one common storage facility:**

Do not store together with alkalis (caustic solutions).  
Do not store together with oxidising and acidic materials.

- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

<b>136-52-7 cobalt bis(2-ethylhexanoate)</b>	
WEL	Long-term value: 0.1 mg/m <sup>3</sup> as Co; Carc

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
Do not eat, drink, smoke or sniff while working.

- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

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· **Protection of hands:** Avoid contact else wear gloves.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Transparent
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	142 °C

· **Flash point:** 47 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** > 200 °C

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

· <b>Lower:</b>	0.6 Vol %
· <b>Upper:</b>	7.0 Vol %

· **Vapour pressure at 20 °C:** 1010 hPa

· <b>Density at 20 °C:</b>	0.93 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

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· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C:</b>	>20 s (DIN 53211/4)
· <b>Solvent content:</b>	
<b>VOC (EC)</b>	58.15 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with acids, alkalis and oxidising agents.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

· <b>LD/LC50 values relevant for classification:</b>		
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<b>64742-48-9 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</b>		
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Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	4951 mg/l (rat)

<b>64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</b>		
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Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)

<b>96-29-7 2-butanone oxime</b>		
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Dermal	LD50	1100 mg/kg (-)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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### 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

**64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

EC50/48 h	> 100 mg/l (daphnia)
LC50/96 h	> 100 mg/l (fish)

**96-29-7 2-butanone oxime**

EC50/48 h	201 mg/l (daphnia magna)
IC50/72 h	6.1 mg/l (algae (selenastrum capricornutum))
LC50/96 h	>100 mg/l (fish (oryzias latipes))

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Harmful to aquatic organisms

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**

- **ADR, IMDG, IATA**

UN1263

- **UN proper shipping name**

- **ADR**

1263 PAINT

- **IMDG, IATA**

PAINT

- **Transport hazard class(es)**

- **ADR, IMDG, IATA**



- **Class**

3 Flammable liquids.

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· <b>Label</b>	3
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b> · <b>Danger code (Kemler):</b> · <b>EMS Number:</b>	Warning: Flammable liquids. 30 F-E,S-E
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b> · <b>Tunnel restriction code</b>	3 D/E
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN1263, PAINT, 3, III

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

The information provided in these documents are based on our current knowledge of this product and be in good faith and to the best of our knowledge. However, this information shall explicitly not as technical specification and do not constitute a guarantee of the properties. We do not accept any liability for damage or consequences of any kind or size, either express or implied, arising from the use of this data could result. Existing laws, rules and regulations by the receiver and user of the product be met on their own responsibility. They should also ensure that the product for the intended application and use.

#### · **Relevant phrases**

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

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- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

· **Department issuing MSDS:** Product safety department.

· **Contact:** Laboratory

· **Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- Flam. Liq. 3: Flammable liquids, Hazard Category 3
- Acute Tox. 4: Acute toxicity, Hazard Category 4
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
- Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
- Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
- Skin Sens. 1A: Sensitisation - Skin, Hazard Category 1A
- Carc. 2: Carcinogenicity, Hazard Category 2
- Repr. 2: Reproductive toxicity, Hazard Category 2
- Repr. 2: Reproductive toxicity, Hazard Category 2
- STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
- STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
- Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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